

The Essential 5: Using Student Achievement Data to Support Instructional Decision Making Professional Development Lesson <u>Cycle of Improvement</u>		
<i>Step</i>	<i>Description</i>	<i>Time</i>
Materials Needed	Pencils, small, grade level groups, markers, chart paper	
Introduction	Use (slides # 1-5)	
View: Video: Multimedia Overview: <i>Making Data Part of an Ongoing Cycle of Instructional Improvement.</i>	(Slide # 6) Use this multimedia overview to learn about the 5 recommended practice to support the use of data to improve student achievement,	7:57 min.
Share	(Slide # 7,8) What are the key concepts of using data to improve instruction?	2-3 min.
View: Expert Interview Prepare, Inquire, Act	(Slide # 9)Use this video interview to show the cycle of improvement recommended by Dr. Liz City	7:34 min.
View and Compare	(Slide # 9) Show Video: Then compare the key ideas in the video to the Collaborative Teams document - Use the (Handout #1) Collaborative Teams document if desired	4-5 min.
Video: Expert Video, <i>What Do You See in the Data?</i>	(Slide #10) Listen to Dr. City talk about effective methods of using of data and ways to build capacity in data interpretation and designing instruction based on the data	6:31 min.

Practice	Review (Slides # 11-13) to set context for practice generating questions and testing our hypotheses Important: Select mock data to be used. Important to select relevant data used by district or school	20 min.
Audio 2 clips: 1.Supporting Use of Data During Teacher Collaboration Time video 2. Intervening Early Using Data From Multiple Assessments	(Slide #14-15) After viewing the two videos, discuss how they use multiple pieces of data in the cycle of improvement to support students needs	4:02 min.
		3:44 min
	Discussion portion	2-3 min
Compare	(Slides #16,17) Use (Handout # 2) Discuss multiple assessments shared during the videos compared to the Montana Rtl Assessment framework Jigsaw activity	15 min.
Application	(Slide #18) (Handout # 3) Use the Self Assessment Checklist to examine strengths and weaknesses of current assessment system and ability to use data to improve student achievement	20 min.
<u>Student Use of Data</u>		
<i>Step</i>	<i>Description</i>	<i>Time</i>
Materials Needed	Pencils, small groups, markers, chart paper	
Introduction	Slide # 19	1-2 min

Introduce	(Slide #20) Introduce the Key concepts from the Student Use of Data recommendation	1-2
View: Multi Media Overview Teaching Students to Examine Their Own Data	(Slide # 21) View video to learn about ways teachers can engage students in using their own data	6:19 min
Share	(Slide # 22) Think –Pair-Share how they can incorporate student use of data in their current role	4-5 min
View: Expert Interview, Helping Students Gain Ownership Over Their Learning	(Slide #23) Listen for examples of ways to provide feedback to students when using their own data	4:54 min
Discuss	(Slide #24) Small Group discussion- Discuss the two questions on Slide	5 min
Application	(Slide #25) Use Handout # 4) Complete teacher self assessment individually and then do a Think Pair Share with a partner on strengths and areas to improve	10 min
View: Data Boards Help Students Set Learning Goals Part I	(Slide #26) Watch for ideas that could be implemented in your school	4:38
Discuss	(Slide #27) How could these ideas be implemented in your school? Chart small group answers	10 min
View: Data Boards Help Students Set Learning Goals Part II	(Slide # 28) Examine how teachers can use the data board for student reflection and goal setting	4:54
Discuss	(Slides #29, 30) Use (Handout # 5) Examine the student reflection	10 min

	sheets and discuss how they could be used in your school?	
View: <i>Go Back and Reflect</i>	Slide #30- View video	4:11
Discuss	Slide #31, Discuss ideas on the slide	5 min
<u>Vision For Data Use</u>		
<i>Step</i>	<i>Description</i>	<i>Time</i>
Materials	Chart paper, Markers, small groups, chart paper	
Introduction	Slide #32	1-2 min
Discuss	(Slide # 33) Share key concepts for the Vision Recommendation	1-2 min
View Expert Interview: <i>Collaborative Structures for Data Use</i>	(Slide #34) View video and listen for what portions of establishing a clear vision are present in your school.	5:44
Discuss	(Slide #35) Think-Share what portions of establishing a clear vision are in place in your school? Chart answers on table group chart paper	10 min
View Video: <i>Earning Trust</i>	(Slide # 36) Listen to a principal talk about the culture of trust that needs to be established	2:26
Discuss	(Slide # 37) Whole Group discussion	10 min
View	(Slide # 38) Use the video <i>Carrying Out the Vision</i>	2:41 min
Discuss	(Slide #39) Inside Outside Circle	29 min
Application	(Slide # 40) Use (Handout # 6) Small	15 minutes

	groups complete the chart from Learning Together. Information on chart is collected and put into one document for consideration by staff and leadership at a later meeting	
<u>Data Driven Culture</u>		
Steps	Description	Time
Materials	Pencils, small groups	
Introduction	(Slide #41)	1-2 min
Discuss	(Slide # 42) Key Concepts	1-2 min
View Video: <i>Multimedia Overview: Fostering a Data-Driven Culture Within a School</i>	(Slide # 43) Listen to the overview to learn how schools can provide support for developing a data driven culture	5.55 min
Discuss	(Slide # 44) Read and discuss (Handout #7)Providing Support for Teachers on the Montana Rtl website-jigsaw activity	21 min
View Video: <i>Expert Interview Supporting a Culture of Data Use</i>	(Slide #45) Listen to an expert talk about critical decisions and principles that can help support teachers in using data effectively	3:47
Discuss	(Slide # 46) Using the chart on slide, complete activity on supports currently in place and supports needed in the school	15 min
View Video: <i>Visualizing Data in the Progress Pad</i>	(Slide # 47) Show video and then do Think Pair Share	3:07 6min
Discuss	(Slide # 48) Using (Handout # 8) Section A of the Comprehensive	10 min

	Planning Tool: complete individually and then discuss at table groups/can be cross grade level or grade level groups	
Discuss	(Slide # 49) Now it's time to see what kind of professional development is needed to continue to improve in our (Handout #9) Use of Data. Examine professional development tool in small groups. Collect feedback and recording on sheets for later discussion and decision making	15 minutes
Districtwide Data System		
Steps	Description	Time
Materials	Markers, chart paper	
Introduction	(Slide # 50)	1-2 min
Discuss	(Slide # 51) Key Concepts	1-2 min
View Multimedia Overview: <i>Developing and Maintaining a Districtwide Data System</i>	(Slide # 52) Show video	5:28 min
View: Expert Interview <i>What Makes a High-Quality Districtwide Data System?</i>	(Slide # 53) Show video	5:31 min
Discuss	(Slide # 54) Use the (Handout #10) <i>Districtwide Data System Implementation and Staging Questions</i> document to foster conversation. Select	10 min

	one or two areas that are most pertinent to the district you are working with	
Listen to Audio: District Supports for Data Use	(Slide # 55) Listen to the audio to consider how a district can support data driven systems	3:35 min
Activity	(Slide # 56) Use the Dta Collection Planner, Using an Existing Data System to discuss current needs of the staff	25 min